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**From:** McCord, James [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MCCORD, JAMES]  
**Sent:** 6/4/2019 7:16:50 PM  
**To:** Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]  
**Subject:** RE: From Vince at WHQR - GenX - PFAS chemicals

Looks good to me. If you end up needing/wanting anything from me for the press let me know.

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James McCord

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**From:** Strynar, Mark  
**Sent:** Tuesday, June 4, 2019 3:03 PM  
**To:** McCord, James <mccord.james@epa.gov>  
**Subject:** FW: From Vince at WHQR - GenX - PFAS chemicals

FYI,

I was asked by a reporter to summarize your recent paper. Here is what I sent. He just wanted a 1-2 paragraph write up to summarize what was found for a story he is working on. Between you and I.

Mark

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**From:** Strynar, Mark  
**Sent:** Tuesday, June 04, 2019 3:00 PM  
**To:** vwinkel <[vwinkel@whqr.org](mailto:vwinkel@whqr.org)>  
**Subject:** RE: From Vince at WHQR - GenX - PFAS chemicals

Vince,

Here is a summary of what we found in the McCord and Strynar 2019 ES&T paper "Identification of per- and polyfluoroalkyl substances in the Cape Fear river by high resolution mass spectrometry and nontargeted screening"

The presence of novel PFAS in in the Cape Fear river due to the manufacture and release has been previously reported (Strynar et al., 2015; Sun et al., 2016). Following the media attention drawn to this issue, including the presence of GenX in the Cape Fear river and the city of Wilmington drinking water, NCDEQ and EPA began an intensive weekly water monitoring effort (summer to fall 2017). This effort included the monitoring for a select set of PFAS including both legacy compounds (ex. PFOS and PFOA) as well as emerging compounds (ex. GenX, Nafion BP2) in surface and finished drinking water samples. What was not included in this monitoring effort was investigations for discovery of additional PFAS in the samples.

The samples that were originally run on a time of flight (TOF) mass spectrometer in support of the NCDEQ/EPA monitoring effort were rerun on a quadrupole time of flight (QTOF) mass spectrometer to gain additional structural information about chemicals in the samples. Sample data files were then mined to 1) confirm previously found PFAS 2) search for novel PFAS 3) perform time trend analysis of PFAS found. Twelve previously identified PFAS (Strynar et al., 2015) were confirmed to be still present in the water samples. An additional twenty five novel PFAs were tentatively identified in this effort that had not been previously reported in the literature. Regardless of the PFAS, over the course of this investigation what was noted was a marked decrease in PFAS concentration due to a cessation of discharge from

the source. Confirmation of chemical structures and quantitation of these novel PFAS is still hampered by lack of chemical standards being commercially available.

Mark

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**From:** vwinkel <vwinkel@whqr.org>  
**Sent:** Friday, May 31, 2019 2:35 PM  
**To:** Strynar, Mark <Strynar.Mark@epa.gov>  
**Subject:** RE: From Vince at WHQR - GenX - PFAS chemicals

Hi again Mark,

Thanks again for the report. I'm going to include, in pretty general terms, what it lays out. Would you be willing to draft a paragraph or two on this? I want to get it right. Not an interview, but a guide on how I can best explain it?

V.

Sent via the Samsung Galaxy S8, an AT&T 5G Evolution capable smartphone

----- Original message -----

**From:** "Strynar, Mark" <Strynar.Mark@epa.gov>  
**Date:** 5/28/19 4:18 PM (GMT-05:00)  
**To:** Vince Winkel <vwinkel@whqr.org>  
**Subject:** RE: From Vince at WHQR - GenX - PFAS chemicals

Vince,

Of course we are very busy. I just wanted to be sure someone responded as it was a holiday weekend and sometimes an email to many gets ignored by all. I look forward to your 2 years after story.

FYI, we produced this paper last month that you may not have seen. It is some follow-up work on data mining of old Cape Fear samples (and a few newer samples) to be sure we had not missed anything in the water samples we had analyzed. We are often so busy with what we are doing that we don't get a chance to go back and see what we may have missed. The short story is we found some new stuff. In addition we have seen a marked reduction in all analytes in the samples since NCDEQ got involved.

Mark

**From:** Vince Winkel <[vwinkel@whqr.org](mailto:vwinkel@whqr.org)>  
**Sent:** Tuesday, May 28, 2019 4:00 PM  
**To:** Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>  
**Subject:** Re: From Vince at WHQR - GenX - PFAS chemicals

Hi Mark! I trust you are keeping busy.

I did get a response. Looks like are sending me written answers to questions I sent in. I'm still hoping for an actual phone interview.

Thanks for getting back to me, and keep up the good work!

Vince

**Vince Winkel**

**WHQR Public Media**

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[vwinkel@whqr.org](mailto:vwinkel@whqr.org)

On Tue, May 28, 2019 at 3:36 PM Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)> wrote:

Hi Vince,

Have you gotten any response yet on this?

Mark

**From:** Vince Winkel <[vwinkel@whqr.org](mailto:vwinkel@whqr.org)>  
**Sent:** Friday, May 24, 2019 1:51 PM  
**To:** Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>; Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>  
**Cc:** Press <[Press@epa.gov](mailto:Press@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Smith, Emily J. <[Smith.Emily@epa.gov](mailto:Smith.Emily@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>  
**Subject:** From Vince at WHQR - GenX - PFAS chemicals

Hello Everyone,

I wasn't exactly sure who to ask. So, you all get the initial email.

I'm working on another PFAS/GenX/Wilmington report for WHQR.

As you know, June 7 is the two year mark of when the story went public here in North Carolina.

I'd like to interview someone with EPA, about how regulations have changed in the last two years regarding these contaminants, and what plans there are for the future. Who would be the best person for me to interview over the phone?

Many thanks. I am trying to do all my interviews next week.

Vince

Vince Winkel

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